

Claims

1. A device for storing a dressing (01, 36, 37) to be exchanged on a cylinder (06, 31, 33) of a printing press, wherein several dressings (01, 36, 37) are to be arranged on the cylinder (06, 31, 33), wherein the dressing (01, 36, 37) to be exchanged is stored in a receiving arrangement (41, 42, 43, 44), wherein the receiving arrangement (41, 42, 43, 44) has at least one code reader (71), wherein the code reader (71) detects a characteristic applied to the dressing (01, 36, 37) for the identification of the latter, characterized in that a comparison of the detected characteristic with an allocation plan of the intended printing process takes place, wherein at least one error in the comparison generates a warning report of an erroneous mounting prior to a mounting of the dressing (01, 36, 37) on the cylinder (06, 31, 33).

2. The device in accordance with claim 1, characterized in that several dressings (01, 36, 37) are stored in the receiving arrangement (41, 42, 43, 44).

3. The device in accordance with claim 2, characterized in that a determination of the characteristic for identifying all dressings (01, 36, 37) stored in the receiving arrangement (41, 42, 43, 44) takes place.

4. The device in accordance with claim 3, characterized in that a check of all dressings (01, 36, 37) stored in the receiving arrangement (41, 42, 43, 44) is performed to determine whether the

dressings (01, 36, 37) are stored in the receiving arrangement (41, 42, 43, 44) in a correct sequence for the intended printing process.

5. A device for storing a dressing (01, 36, 37) to be exchanged on a cylinder (06, 31, 33) of a printing press, wherein several dressings (01, 36, 37) are to be arranged on the cylinder (06, 31, 33), wherein the dressing (01, 36, 37) to be exchanged is stored in a receiving arrangement (41, 42, 43, 44), wherein the receiving arrangement (41, 42, 43, 44) has a least one code reader (71), wherein the code reader (71) detects a characteristic applied to the dressing (01, 36, 37) for the identification of the latter, characterized in that several dressings (01, 36, 37) are stored in the receiving arrangement (41, 42, 43, 44), wherein a determination of the characteristic for identification of all dressings (01, 36, 37) stored in the receiving arrangement (41, 42, 43, 44) is performed with a view to whether the dressings (01, 36, 37) are stored in the receiving arrangement (41, 42, 43, 44) in a correct sequence for the intended printing process.

6. The device in accordance with claim 2 or 5, characterized in that as many code readers (71) are provided in the receiving arrangement (41, 42, 43, 44) as dressings (01, 36, 37) are stored.

7. The device in accordance with claim 1 or 5, characterized in that several receiving arrangements (41, 42, 43, 44) are provided in the axial direction of the cylinder (06, 31, 33).

8. A device for storing a dressing (01, 36, 37) to be exchanged on a cylinder (06, 31, 33) of a printing press, wherein several dressings (01, 36, 37) are to be arranged on the cylinder (06, 31, 33), wherein the dressing (01, 36, 37) to be exchanged is stored in a receiving arrangement (41, 42, 43, 44), wherein the receiving arrangement (41, 42, 43, 44) has at least one code reader (71), wherein the code reader (71) detects a characteristic applied to the dressing (01, 36, 37) for the identification of the latter, characterized in that several dressings (01, 36, 37) are stored in vertically separated storage positions of the same receiving arrangement (41, 42, 43, 44) and/or in different receiving arrangements (41, 42, 43, 44) which are arranged next to each other in the axial direction of the cylinder (06, 31, 33), wherein the same code reader (71) detects the coding of these dressings (01, 36, 37).

9. The device in accordance with claim 2, 5 or 8, characterized in that in a receiving arrangement (41, 42, 43, 44) with several dressings (01, 36, 37) the dressings (01, 36, 37) are stored in a stack with a vertical spacing of their support surfaces (02).

10. The device in accordance with claim 5 or 8, characterized in that a comparison of the detected characteristic with an allocation plan for the intended printing process is performed, wherein at least one error in the comparison generates a warning report of an erroneous mounting prior to a mounting of the dressing (01, 36, 37) on the cylinder (06, 31, 33).

11. The device in accordance with claim 1, 5 or 8, characterized in that several dressings (01, 36, 37) are to be arranged in the circumferential direction of the cylinder (06, 31, 33).

12. The device in accordance with claim 2, 5 or 8, characterized in that the exchange of the dressings (01, 36, 37) stored in the receiving arrangement (41, 42, 43, 44) takes place sequentially.

13. The device in accordance with claim 1, 5 or 8, characterized in that the characteristic is embodied as a barcode.

14. The device in accordance with claim 1, 5 or 8, characterized in that on its trailing end (04) the dressing (01, 36, 37) has a beveled suspension leg (14), and the characteristic is applied to this suspension leg (14).

15. The device in accordance with claim 1, 5 or 8, characterized in that the code reader (71) is arranged in the receiving arrangement (41, 42, 43, 44) at its end facing away from the cylinder (06, 31, 33).

16. The device in accordance with claim 1, 5 or 8, characterized in that a reading direction of the code reader (71) is oriented parallel in respect to a length (L) of the dressing (01, 36, 37).

17. The device in accordance with claim 1, 5 or 8, characterized in that the code reader (71), or at least a further sensor (91), checks whether a dressing (01, 36, 37) stored or to be stored in the receiving arrangement (41, 42, 43, 44) has been successfully removed from the cylinder (06, 31, 33), or has been conveyed there.

18. The device in accordance with claim 1, 5 or 8, characterized in that a control unit performs the comparison electronically.

19. The device in accordance with claim 1, 5 or 8, characterized in that the report is directed to a control console assigned to the printing press.

20. The device in accordance with claim 1, 5 or 8, characterized in that the code reader (71), or a mirror directing a detection signal to the code reader (71) by deflection, are movable.

21. The device in accordance with claim 20, characterized in that the code reader (71) or the mirror are movable by means of a linear guide.

22. The device in accordance with claim 20, characterized in that the code reader (71) or the mirror are movable parallel in respect to a width (B) of the dressing (01, 36, 37).

23. The device in accordance with claim 20, characterized in that the code reader (71) or the mirror are vertically movable along the stacked dressings (01, 36, 37).

24. The device in accordance with claim 1, 5 or 8, characterized in that the receiving arrangement (41, 42, 43, 44) is embodied as a chute (41, 42, 43, 44).